

Date Opened: 15 May 2013

Job #: 940
Project: Ski Basket
Type: AS350/AS355Approval: SH08-16
Drawing List: DCL940-3, Rev. 0

Fabrication and Assembly Drawing(s)	Description
94010, Rev. 0	Basket Ass'y
94011, Rev. 0	Basket Body Ass'y
94012, Rev. 0	Basket Lid Ass'y
94023, Rev. 0	Attachment Hoop
94030, Rev. 0	Hoop
84255, Rev. 1	Handle Installation
84261, Rev. 1	Handle Bar Ass'y
84262, Rev. 1	Handle Bracket Ass'y
70405, Rev. 3	Lid Step Modification
70406, Rev. 2	Front End Cutout Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record: Y
Document Control List revision level matches (or exceeds) STC: Y
Drawings revision levels match Document Control List: Y

Purchase order or Work order source is recorded for each part/ass'y: Y
Tests and inspections specifically called out on drawings are complete: Y
Release tags associated with all fabricated parts are attached: Y
All mounting hardware and supplies are included: Y


List all non-conformities raised: _____

Inspector Signature: 

Date: 22 May 2013

Drawing: **94010** Revision **0**
 Assembly: **94010-01** **Cargo Basket Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94010-01	Cargo Basket Assembly			
. 1	94011-01	Basket Body Assembly	Below		
. 1	94012-01	Basket Lid Assembly	Below		
. 1	84255-01	Handle Bar Installation	Below		
. 1	36280-01	Brace Assembly	9-2081 Brace	12059	
. 1	MS20001P4	Piano Hinge		12066	
. 1	94027-01	Placard	0.063 Sheet, 6061-T6 Aluminum	11102	
. 4	49205-14	Bumper	Argus Industries Bumper	11010	
. A/R	CR3213-5-02	Cherry Rivet		12055	
. 8	CR3523-5-02	Cherry Rivet		12087	
. 4	CR3213-4-02	Cherry Rivet		12032	
. 4	96710-01	Fitting	Alternate to Ancra 40088-14	WO2012-44	
. 8	NAS1149FO663P	Washer		12052	
. 1	AN3-15A	Bolt		12052	
. 1	AN3-17A	Bolt		12052	
. 3	NAS1149FO363P	Washer		12067	
. 2	AN970-3	Washer		12032	
. 2	MS21044N3	Nut		12032	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR Rivets		
Final Inspection	Drawing 94010			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **94011** Revision **0**
 Assembly: **94011-01** **Basket Body Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94011-01	Basket Body Assembly			
. A/R	--	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. A/R	--	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 4	94030-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 2	94023-01	Attachment Hoop			
. . 1	--	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. . 1	--	Tube	4130 Steel, 1.0" x 0.065 Sqr. Tube	12045	
. . 1	94023-05	Stud	1018 Mild Steel, 5/8" Dia.	12056	
. . 1	94023-07	Stud	1018 Mild Steel, 5/8" Dia.	12056	
. . 1	76423-04	Cap	1018 Mild Steel, 0.050" Sheet	9010	
. 1	84262-01	Handle Bracket Assembly	Below		
. 1	49215-01	Spacer	1018 Steel, 1/2" Rod	12056	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12130	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 94011			
Final Inspection	Drawing 94011			

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Drawing: **94012** Revision **0**
Assembly: **94012-01** **Basket Lid Ass'y (Quick-Release)**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	94012-01	Basket Lid Assembly			
. A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	12123	
. 1	49216-01	Spacer	1018 Steel, 1/2" Rod	12056	
. 1	84262-01	Upper Handle Bracket Assembly	Below		
. 1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9010	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 94012			
Final Inspection	Drawing 94012			

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Drawing: **84255** **Revision 1**
Assembly: **84255-01** **Handle Installation**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84255-01	Handle Installation			
. 1	84261-01	Handle Bar Assembly	Below		
. 2	84267-01	Bracket	Delrin, 3/4" Sheet	WO2012-36	
. 2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	12033	
. 2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	11030	
. 2	AN3-12A	Bolt		13017	
. 4	AN3-11A	Bolt		13017	
. 12	AN960-10	Washer		12132	
. 6	MS21044N3	Nut		12132	


Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 84255			

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Drawing: **84261** **Revision 1**
Assembly: **84261-01** **Handle Bar Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84261-01	Handle Bar Assembly			
. 1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.065 Rnd. Tube	12093	
. 2	84265-01	Lever	304 Stainless, 0.105 Sheet	10036	
. 2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	11057	
. 2	MS20615-4M3	Rivet		7039	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84261			

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: **84262** **Revision 1**
Assembly: **84262-01** **Handle Bracket Assembly**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	84261-01	Handle Bracket Assembly			
. 4	84272-01	Bushing	4130 Steel, 5/16" x 0.058 tube	11049	
. 4	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	10037	
. 2	36275-02	Support	304 Stainless, 5/16" Rod	11093	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 84262			

Tag incomplete parts with Work Order # when stored between processes.


Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **70405** **Revision 3**
Assembly: **70405-01** **Lid Step Modification**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	70405-01	Lid Step Modification			
. 10	70405-03	Tube	4130 Steel, ½" x 0.035 Sqr. Tube	12123	
. 1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	12118	
. A/R	CR3213-4-2	Cherry Rivet		12032	

Note: Step is installed on all bays of lid.

Note: Remainder of assembly listed on drawing 94012

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

Tag incomplete parts with Work Order # when stored between processes.


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Drawing: **70406** **Revision 2**
Assembly: **70406-01** **Front End Cutout Modification**

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	70406-01	Front End Cutout Modification			
. 1	70406-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. 1	70406-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	12123	
. A/R	3/4-16F	Mesh	Expanded carbon steel	12065	

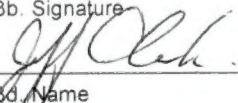
Note: Cutout on front when installed on the right.

Note: Cover plate provided for installation on left.

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70406			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2013-19
6. Item	7. Description Cargo Basket	8. Part Number 94010-01	9. Qty. 1	10. Serial/Batch No. 94001-20	11. Status/Work New
12. Remarks Modified with walkway on lid and RH front end cutout IAW DCL704					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 22 May 2013		14d. Name 14e. Date (dd/mmm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

CAPITALE



WO# 2013-14

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
"QUICK RELEASE BASKET" - 0.125 HIGH
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH
"S/N 94001-XX" - 0.080 HIGH
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
"300 LBS/136 KG" - 0.200 HIGH
"AERO DESIGN LTD." - 0.125 HIGH
"CALGARY, ALBERTA, CANADA" - 0.080 HIGH
"403-250-8027" - 0.080 HIGH

DRILL #30 (0.129)
4 PLACES

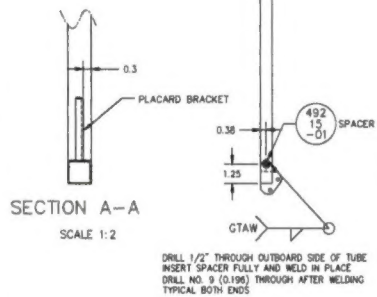


01 PLACARD

94027-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.063 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

LIST OF MATERIALS

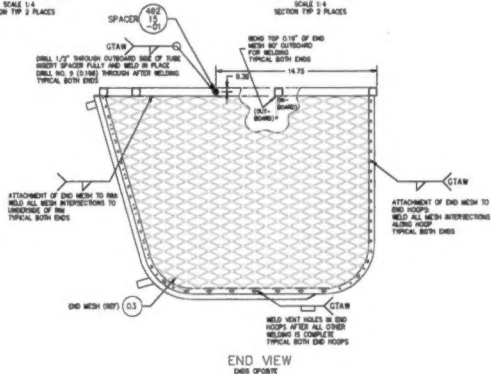
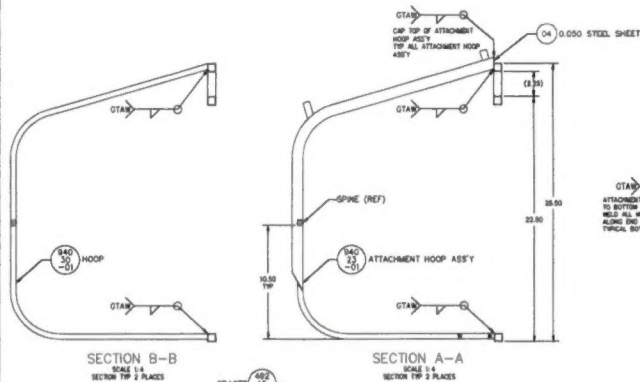
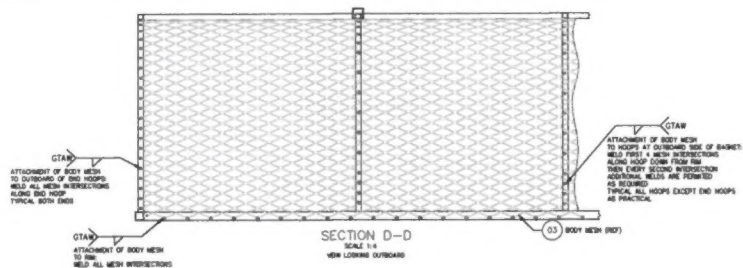
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	CHECKED: E. BURGAIN				EUROCOPTER AS350 & AS355 SERIES LARGE QUICK RELEASE CARGO BASKET PLACARD			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				SCALE 1 : 1 DWG. SIZE SHEET 1 OF 1			
					DWG. NO. 94027 REV. 0			



1	36204-10		PLACARD BRACKET				
2	36273-01		LID BRACKET ASSY				
9	49216-01		SPACER				
A/R	3/4 - 18F	Q2	MESH	STEEL	STEEL		
A/R		01	SQUARE TUBE	4130 STEEL COND. N	MIL-T-8736	0.75 x 0.035 SOR TUBE	
	84012-01		LID ASSEMBLY				
	PART NO.	ITEM	DESCRIPTION	MATERIAL/NOTE	MATERIAL SPEC	STOCK SIZE	
QTY				LIST OF MATERIALS			

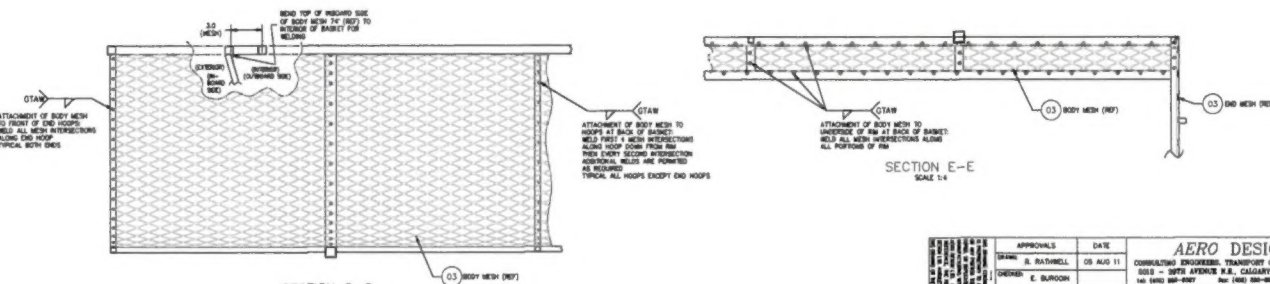
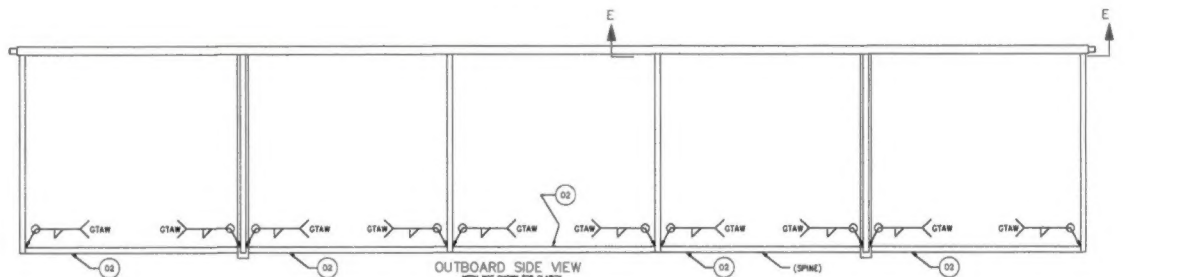
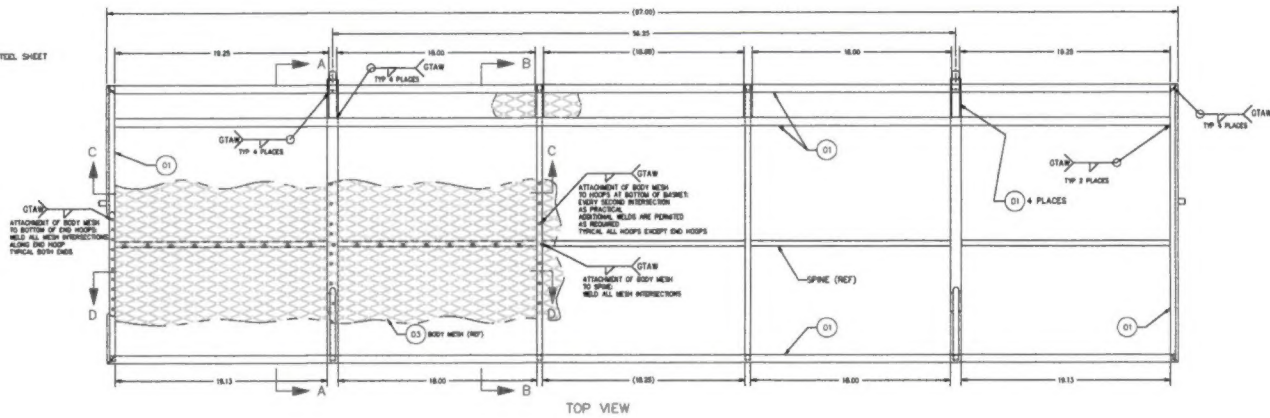
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TEL (403) 262-7007 FAX (403) 262-7008 www.aerodesign.ca | | | |
| | DRAWN: R. RATHWELL 05 AUG 11 | | AS350 & AS355 SERIES
QUICK RELEASE CARGO BASKET
LID ASSEMBLY | | | |
| | CHECKED: E. BURGON | | UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON: | | | |
| | DECIMALS: .0000
.XX ±0.010
.XX ±0.03
.X ±0.1 | | ANGLES: ±1/2" | | | |
| | SCALE 1 : 4
SHEET 1 OF 1 | | DWG. SIZE: A1
DWG. NO.: 94012 | | REV.: 0 | |

REV	DESCRIPTION OF CHANGE	TOTALS	DATE
0	INITIAL ISSUE		



NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. PRIOR TO WELDING, DRILL 1/16" VENT HOLES IN ASSEMBLY FOR MONTHS OF WELD GASES.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. WELDING OF 4130 STEEL TO BE COMPLETED BY OXY-ACETYLENE METHOD TO AWS BRAC.
5. WELDING ROD SHALL CONFORM TO E70T9-K2 OR EQUIVALENT.
6. FINISH: THOROUGHLY CLEAN AND POWDER COAT BASKET WELDED ASSEMBLY.

[illegible]

1. ALL DIMENSIONS ARE IN INCHES 2. UNLESS OTHERWISE SPECIFIED 3. TOLERANCES ON 4. DECIMALS ANGLES 5. XXX ±0.010 31/2" 6. XXX ±0.03 7. XXX ±0.1	APPROVALS DATE DRAWN BY 08 AUG 11 CHECKED BY E. BURTON	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVAL, DAR 808 5013 - 50TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T0B 1P6 TEL 403 243 9911 FAX 403 243 9912 www.aerodesign.ca		
	AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET BASKET ASSEMBLY			
	SCALE 1 : 4 SHEET 1 OF 1		DATE 08 AUG 11 BY 08 AUG 11	DATE 08 AUG 11 BY 08 AUG 11
	A0 94011 0			

[illegible]

